

Product Data Sheet 3656

ebmpapst

The engineer's choice



3656

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1 General

2 Mechanics

2.1 General

Width	92,0 mm	
Height	92,0 mm	
Depth	38,0 mm	
Mass	0,425 kg	
Housing material	Metal	
Impeller material	Metal	
Max. torque when mounted across both mounting flanges	Wire outlet corner: 150 Ncm Remaining corners: 150 Ncm	
Screw size	ISO 4762 - M4 degreased, without an additional brace and without washer	

2.2 Connections

Electrical connection	Wires	
Lead wire length	L = 310,0 mm	
Tolerance	+/- 10,0 mm	
Wire size (AWG)	18	
Insulation diameter	2,06 mm	



Wire	Color	Operation
1	black	L
2	black	N

3 Operating Data

3.1 Electrical Operating Data

3.2 Electrical Features

3.3 Aerodynamics

Measurement conditions: Measured with a double chamber intake rig.
Normal air density = 1,2 kg/m³; Temperature 23°C +/- 3°C;
In the intake and outlet area should not be any solid obstruction within 0,5 m. Motor shaft horizontal.
The information is only valid under the specified test conditions and may be changed by the installation conditions. If there are deviations from the standard test conditions, the characteristic values must be checked under the installed conditions.

3.4 Sound Data

Measurement conditions: Sound pressure level: 1 meter distance between microphone and the air intake.
Measured in a semianchoic chamber with a background noise level of Lp(A) < 5 dB(A)
For further measurement conditions see chapter aerodynamics.

4 Environment

4.1 General

4.2 Climatic Requirements

not specified

Please require severity levels and specification parameters from the responsible development departments.

5 Safety

5.1 Electrical Safety

5.2 Approval Tests

CE	EC Declaration of Conformity	Yes
EAC	Eurasian Conformity	Yes
UL	Underwriters Laboratories	Yes
VDE	Association for Electrical, Electronic and Information Technologies	Yes
CSA	Canadian Standards Association	Yes
CCC	China Compulsory Certification	Yes

6 Reliability

6.1 General

